

Page 14, line 24, in the peptide currently numbered 16 (newly numbered peptide 10), between "G-V-" and "P-G", insert --V- --.

Page 18, line 14, between "FIGURE 2" and "is", insert --(A-D)--.

Page 18, delete lines 18 and 19, and insert therefore

β¹
purification on (A) heparin-Sepharose I; (B) HAP-Ultragel; (C) sieving gel (Sephacryl 300); and (D) heparin-Sepharose II; ~~it~~.

Page 19, line 12, between "FIGURE 7" and "is", insert --(A-C)--.

Page 19, line 25, between "FIGURE 10" and "is", insert --(A-D)--.

Page 20, delete lines 4-6, and insert therefore

β²
FIGURE 11 is a graph showing five representative dose response curves, labelled A-E, for bone-inducing activity in samples taken from the different column purification steps: ~~it~~.

154
Page 20, line 8, delete "TSK 3000" and substitute --Sephacryl S-300 HR--.

Page 20, line 18, after "osteogenic activity", insert --, measured by calcium content--.

Page 20, line 19, between "weight" and "showing", insert --,--.

Page 21, delete lines 23-25, and insert therefore

B3
FIGURE 19 is a graph showing the specific activity, as measured by alkaline phosphatase activity, of osteogenic devices comprising heparin-Sepharose II-purified naturally sourced OP and allogenic (rat) bone matrix, or xenogenic (bovine and deglycosylated bovine) bone matrix; ~~ta~~.

Page 21, line 27, after "before", insert --gel elution (A),--.

Page 21, line 28, after "gel elution", insert --(B),--.

Page 39, line 30, after "after" and before "gel", insert --the--.

Page 44, line 1, delete "5A" and substitute --5B-1--.

Page 44, line 3, delete "5B" and substitute --5B-2--.

155

Page 47, lines 18 and following, over through page 48, line 4, delete peptides currently numbered 5, 6, 7, 8, 12, and 13. Change the numbering of the remaining peptides to be consecutive beginning with the number 5.

Page 47, line 29, in the peptide currently numbered 16 (newly numbered peptide 10), between "G-V-" and "P-G", insert -- V- --.

Page 53, line 2, delete "(Figure 10C)" and substitute --(Figure 10D. Figure 10C describes the elution profile for the intervening gel filtration step described above) ~~the~~.

Page 53, line 6, delete "(Figure 10D)."

Page 68, line 10, after "closely-" delete "spared" and insert --spaced--.

Page 77, line 10, delete "as" and insert --are--.

Page 77, line 12, delete "For" and insert --The--.

Page 78, line 3, delete "TSK-fraction" and substitute --Sephacryl-fraction--.

156